

022504

17439 U.S. PTO

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 15060-42

First Inventor

Richard W. Gross et al.

Title

CALCIUM-INDEPENDENT PHOSPHOLIPASE A₂Y
POLYNUCLEOTIDES AND POLYPEPTIDES AND
METHODS THEREFOR

Express Mail Label No.

EV331420434US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:Mail Stop Patent Application
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original and a duplicate for fee processing.)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 73]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 61]
5. Declaration & Power of Attorney [Total Pages 2]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 17 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☒ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☒ paper
- c. ☒ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s)) [pages]
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney [pages]
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement ☐ Copies of IDS Citations
(IDS)/PTO-1449
13. ☐ Preliminary Amendment
14. ☒ Return Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Non Publication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: (Cert. of Exp. Mail, Petition for Extension of Time, Copy of Postcard for
extension timely filed on 02-19-2004 re SN 09/618,623, filed 2-18-2000)

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP)

of prior application No.: 09/ 618,623

Prior application information:

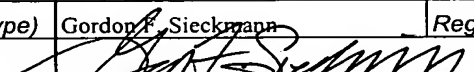
Examiner Pak, Yong D.

Group Art Unit: 1652

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered
a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a
portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☒ Correspondence address below

Name	Patrick W. Rasche				
Address	Armstrong Teasdale LLP One Metropolitan Square, Suite 2600				
City	St. Louis	State	MO	Zip Code	63102
Country	US	Telephone	314.621.5070	Fax	314.621.5065
Name (Print/Type)	Gordon F. Sieckmann	Registration No. (Attorney/Agent)	28,667		
Signature				Date	February 25, 2004

Certificate of Express Mail

I certify that the documents listed on this form are being deposited with the United States Postal Service "Express Mail Post Office to Addressee"
service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450.

Gordon F. Sieckmann		February 25, 2004
(Printed Name of Person Mailing Correspondence)	(Signature of Person Mailing Correspondence)	Date

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17509
U.S. PTO

Express Mail No. EV331420434US

PTO/SB/17 (10-03)
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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1626.00

Complete if Known

Application Number	
Filing Date	February 25, 2004
First Named Inventor	Richard W. Gross et al.
Examiner Name	
Art Unit	
Attorney Docket No.	15060-42

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 01-2384
Deposit Account Name: Armstrong Teasdale

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	385.00
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) 385.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
48	-20** = 28	9	252
26	-3** = 23	43	989
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 1241.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3)			(\$) - 0 -

SUBMITTED BY

Name (Print/Type)	Gordon F. Sieckmann	Registration No. (Attorney/Agent)	28,667	Telephone	314-621-5070
Signature		Date	February 25, 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Richard J. Gross, et al.	:	
	:	
Serial No.: 09/618,623	:	Group Art Unit: 1652
	:	
Filed: July 18, 2000	:	Examiner: Yong Pak
	:	
For: CALCIUM INDEPENDENT PHOSPHOLIPASE A ₂	:	
POLYNUCLEOTIDES AND POLYPEPTIDES AND	:	
METHODS THEREFOR	:	

CERTIFICATE OF MAILING BY EXPRESS MAIL TO
THE COMMISSIONER OF PATENTS AND TRADEMARKS

Mail Stop: AF
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

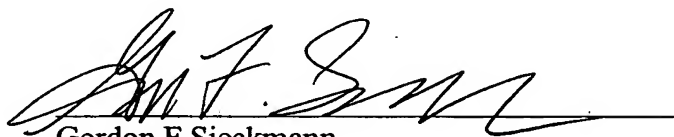
Express Mail Mailing Label No.: EV331420540US
Date of Mailing: February 19, 2004

I hereby certify that the documents listed below:

- Certificate of Express Mail (1 pg.)
- Petition for Extension of Time (1 pg.) In Duplicate
- Return postcard

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Respectfully submitted,



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gross et al. :
Serial No.: 09/618,623 : Art Unit: 1652
Filed: July 18, 2000 : Examiner: Pak, Yong D
For: CALCIUM INDEPENDENT :
PHOSPHOLIPASE A₂ :
POLYNUCLEOTIDES AND :
POLYPEPTIDES AND :
METHODS THEREFOR :

PETITION FOR EXTENSION OF TIME

Mail Stop: AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicants hereby petition the Patent Office for a five-month extension of time for filing a Notice of Appeal in the above-identified patent application from September 25, 2003, through and including February 25, 2004.

The Patent Office is hereby authorized to charge Deposit Account 01-2384 in the amount of \$1005.00 for payment of the extension now requested. If any additional extension fee is required, please charge Deposit Account No. 01-2384.

Respectfully submitted,



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One Metropolitan Square, Suite 2600
St. Louis, MO 63102-2740
(314) 621 - 5070

THE UNITED STATES PATENT OFFICE IS REQUESTED TO IMPRESS ITS STAMP ON THIS CARD AND PLACE SAME IN THE OUTGOING MAIL TO SHOW THE FOLLOWING PAPERS HAVE BEEN RECEIVED.

Atty Dkt. No.: 15060-4

Application of: Gross et al.

Serial No. 09/618,623

Filed: July 18, 2000

Group Art Unit: 1652

Examiner: Pak, Yong D.

For: CALCIUM INDEPENDENT PHOSPHOLIPASE A₂ POLYNUCLEOTIDES
AND POLYPEPTIDES AND METHODS THEREFOR

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Certificate of Mailing via Express Mail (1 pg.)

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Mailed: February 19, 2004